

FORM PTO-1449  
U.S. Department of Commerce Patent and  
Trademark Office

Oct 21 2002

Docket No. SHIM 1110

Serial No.: 09/787,181

Applicants: Yamada et al.

SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT BY APPLICANT

Filing Date:  
October 16, 2001  
IA Filing Date:  
September 14, 1999

Group Art Unit:  
1643  
1648

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### U.S. PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE

### FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)
SC	A1	08133948	05/28/1996	JP	—	YES (Abstract) only
SC	A2	WO 96/32401	10/17/1996	PCT	A61K	YES

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)


SC	A3	Sakuma S. et al., "Studies on the Constituents of the Root of <i>Polygala tenuifolia</i> Willdenow. I. Isolation of Saponins and the Structures of Onjisaponins G and F", <i>Chemical &amp; Pharmaceutical Bulletin</i> , Vol. 29, no. 9, 2431-2441, 1981
	A4	Sakuma S. et al., "Studies on the Constituents of the Root of <i>Polygala tenuifolia</i> Willdenow. I. On the Structures of Onjisaponins A, B and E", <i>Chemical &amp; Pharmaceutical Bulletin</i> , Vol. 30, no. 3, 810-821, 1982
	A5	Nikaido T. et al., "Inhibitors of Cyclic Adenosine Monophosphate Phosphodiesterase in <i>Polygala tenuifolia</i> ", <i>Chemical &amp; Pharmaceutical Bulletin</i> , Vol. 30, no. 6 2020-2024, 1982
✓	A6	Santos et al., "Haemolytic activities of plant saponins and adjuvants. Effect of <i>Periandra mediterranea</i> saponin on the humoral response to the FML antigen of <i>Leishmania donovani</i> ", <i>Vaccine Butterworth Scientific</i> , Vol. 15, no. 9 1024-1029, 1997



EXAMINER Stacy B. Chen	DATE CONSIDERED October 21, 2004
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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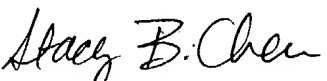
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	A7	Kensil et al, "Saponins as Vaccine Adjuvants", <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , Vol. 13, no. 1/2 1-55, 1996
	A8	Nagai et al., "Onjisaponins, from the root of <i>Polygala tenuifolia</i> Willdenow, as effective adjuvants for nasal influenza and diphtheria – pertussis – tetanus vaccines", <i>Vaccine, Butterworth Scientific</i> , Vol. 19, no. 32 4824-4834, 2001

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